



Substitute for form 1449A/PTO (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Compleat if Kn wn			
		Application Number	09/927,160		
		Filing Date	August 9, 2001		
		First Named Inventor	PATI, Sushma		
		Group Art Unit	1632		
		Examiner Name	Anne-Marie Falk		
Sheet	1	of	1	Attorney Docket Number	A-64580-4/RFT/NBC (467135-116)

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U.S. PATENT DOCUMENTS					
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Amn	A1	6,255,113 B1	07-03-2001	Zarling et al.	
	A2				
	A3				
	A4				
	A5				
	A6				
	A7				
	A8				
	A9				
	A10				
	A11				

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	C1		
	C2		
	C3		
	C4		
	C5		

Examiner Signature	Anne-Marie Falk	Date Considered	5/20/04
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		Group Art Unit	1632
Examiner Name	Anne-Marie Falk		
Attorney Docket Number	A-64580-4/RFT/AMS/NBC		
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Ama	A1	4,873,191		Wagner et al.	10/1989	
	A2	4,888,274		Radding et al.	12/1989	
	A3	4,950,599		Bertling	08/1990	
	A4	5,223,414		Zarling et al.	06/1993	
	A5	5,264,618		Felgner et al.	11/1993	
	A6	5,272,071		Chappel	12/1993	
	A7	5,273,881		Sena et al.	12/1993	
	A8	5,366,894		Clark et al.	11/1994	
	A9	5,416,260		Koller et al.	05/1995	
	A10	5,451,513		Maliga et al.	09/1995	
	A11	5,459,072		McKay et al.	10/1995	
	A12	5,460,941		Camerini-Otero et al.	10/1995	
	A13	5,464,764		Capecchi et al.	11/1995	
	A14	5,468,629		Calhoun	11/1995	
	A15	5,487,992		Capecchi et al.	01/1996	
	A16	5,501,967		Offringa et al.	03/1996	
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Ama	A18	5,510,473		Camerini-Otero et al.	04/1996	

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		Office ³	Number ⁴	Kind Code ² (if known)				
Ama	B1	EP	0718404		TAKARA SHUZO CO. (JP)	11/1995		
	B2	WO	91/19796		BAYLOR COLLEGE MED (US)	12/1991		
	B3	WO	92/08791		US COMMERCE (US)	05/1992		
	B4	WO	92/15694		SALK INST BIOLOG STUD (US)	09/1992		
	B5	WO	93/03736		MICROPROBE CORP (US)	03/1993		
	B6	WO	93/05177		DAIKIN IND LTD (JP)	03/1993		
	B7	WO	93/05178		DAIKIN IND LTD (JP)	03/1993		
Ama	B8	WO	93/22443		STANFORD RES INST INT (US)	11/1993		

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		Filing Date		August 9, 2001	
		First Named Inventor		PATI, Sushma	
		Group Art Unit		1632	
		Examiner Name			
Sheet	2	of	8	Attorney Docket Number	A-64580-4/RFT/AMS/NBC

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		Number	Kind Code ² (if known)			
Am2	A19	5,527,674		Guerra et al.	06/1996	
	A20	5,543,131		Levy	08/1996	
	A21	5,545,806		Lonberg et al.	08/1996	
	A22	5,565,350		Kmiec	10/1996	
	A23	5,571,688		Mekalanos et al.	11/1996	
	A24	5,578,461		Sherwin et al.	11/1996	
	A25	5,580,734		Treco et al.	12/1996	
	A26	5,589,369		Seidman et al.	12/1996	
	A27	5,612,205		Kay et al.	03/1997	
	A28	5,614,396		Bradley et al.	03/1997	
	A29	5,763,240		Zarling et al.	06/1998	
Am2	A30	5,948,653		Pati et al.	09/1999	

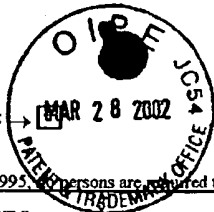
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Am2	B9	WO	94/04032		UNIV CALIF (US)	03/1994		
	B10	WO	94/04669		MEDICAL RES COUNSEL (GB)	03/1994		
	B11	WO	95/22625		AFFYMAX TECH NV (AN)	08/1995		
	B12	WO	96/03051		GENE PHARMING EUROP (NL)	02/1996		
	B13	WO	96/40765		U.S. DEPT HEALTH (US)	12/1996		
	B14	WO	97/04111		U.S. DEPT HEALTH (US)	02/1997		
Am2	B15	WO	97/05268		SETRATECH (FR)	02/1997		

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		Filing Date	August 9, 2001		
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		Group Art Unit	1632		
		Examiner Name			
Sheet	3	of	8	Attorney Docket Number	A-64580-4/RFT/AMS/NBC

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
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Am	C1	AFONINA, I., et al., "Sequence-specific arrest of primer extension on single-stranded DNA by an oligonucleotide-minor groove binder conjugate", Proc. Natl. Acad. Sci. USA, 93:3199-3204 (Apr. 1996).
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	C3	AUSUBEL et al., "Short Protocols in Molecular Biology," 2nd ed. (John Wiley & Sons: New York), pp. 9-14 and 9-15 (1992).
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Examiner Signature	Anne Marie Zalk	Date Considered	5/20/04
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Am	C19	DUNDERDALE, et al., "Formation and Resolution of Recombination Intermediates by E. Coli RecA and RuvC Proteins," Nature, 354(19):506-510 (1991).	
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	C31	HUYNH, et al., "Establishment of Bovine Mammary Epithelial Cells (MAC-T): An in Vitro Model for Bovine Lactation," Experimental Cell Research 197:191-199 (1991).	
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Examiner Signature	Amme-Marie Jalk	Date Considered	5/20/04
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Ama	C37	KIDO, M., et al., "Escherichia coli RecA Protein Modified with a Nuclear Location Signal Binds to Chromosomes in Living Mammalian Cells", Exper. Cell Res., 198:107-114 (1992).	
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	C49	MACDONALD, et al., "Neutrophil Function In Vitro: Diapedesis and Phagocytosis," J Dairy Sci., 77:628-638 (1994).	
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Ama	C54	MULLINS, J.J., et al., "Expression of the DBA/2J Ren-2 gene in the adrenal gland of transgenic mice." EMBO J. 1989 Dec 20;8(13):4065-72	

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		Application Number	09/927,160		
		Filing Date	August 9, 2001		
		First Named Inventor	PATI, Sushma		
		Group Art Unit	1632		
		Examiner Name			
Sheet	6	of	8	Attorney Docket Number	A-64580-4/RFT/AMS/NBC

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Amz	C55	MULLINS, J.J. et al., "Fulminant hypertension in transgenic rats harbouring the mouse Ren-2 gene." Nature. 1990 Apr 5;344(6266):541-4	
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Examiner Signature	Amz-Maria Jalk	Date Considered	5/20/04
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		First Named Inventor	PATI, Sushma
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Amz	C72	SCHNIEKE, et al., "Human Factor IX Transgenic Sheep Produced by Transfer of Nuclei from Transfected Fetal Fibroblasts," Science 278:2130-2133 (1997).
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Examiner Signature	Amélie Zalk	Date Considered	5/20/04
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**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**

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Complete if Known

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Am2	C90	VALANCIUS and SMITHIES, "Testing and "In-Out" Targeting Procedure for Making Subtle Genomic Modifications in Mouse Embryonic Stem Cells," Molecular and Cellular Biology, 11(3):1402-1408 (1991).	
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Examiner Signature	Am2 - Marie Zalk	Date Considered	5/20/04
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